K/1016-10

FINANCIAL SECRETARY'S OFFICE,
KHARTOUM, 6th December, 1947.

The Secretary,
Governor-General's Council.

Sudan, Anglo-Egyptian Finance dept.

ANNUAL REVIEW OF THE FIVE YEAR DEVELOPMENT PLAN

THE 1947/48 DEVELOPMENT BUDGET

The Development Priorities Committee have now completed the annual review of the Development Plan and the purpose of this note is to place before Council their recommendations arising from this review, and the proposed 1947/48 Development Budget. The intention was that the annual review should be completed and the Development Budget passed in September each year to enable work to commence with end of the rains in October; but delay in the receipt of submissions from several units has again made this impossible.

2. Last year Council sanctioned a Development Plan envisaging the expenditure of £E. 8,500,000 in the five year period, excluding £E. 2,500,000 for expenditure by the Sudan Railways against their Capital and Renewals Accounts. Beyond remarking that this figure of £E. 2½ millions has since had to be increased by £E. 1 million and that the larger sum can be found from Railways funds, I shall make no reference to it in this note, since Railways capital and renewal expenditure is considered annually by Council with the Budget.

3. The 1947/48 submissions, which included increases in the previous estimates and a number of entirely new projects, totalled £E. 8,994,878 for expenditure within the five year period 1945/46 to 1949/50. This figure does not, however, represent the full financial implications of the Five Year Plan as there are two major projects which commit the Government irrevocably to expenditure after 1950 in order to carry them to completion:

(a) The Gezira Extension

The full cost of extending the Gezira irrigated area, including provision for moves of workshops, housing, etc. was originally put at £E. 1,308,000, of which £E. 1,175,000 was to be expended in the five year period and £E. 133,000 was a final instalment to be financed against a second five year programme.

INTERNATIONAL MONETARY FUND

Owing to delays in the delivery of machinery the Director of Irrigation stated in his 1947/48 submissions that, of the £E. 1,175,000 originally earmarked for the first five years, he would have to defer expenditure of £E. 240,850 (in addition to the £E. 133,000 mentioned above) until after 1950. Accordingly he deducted this £E. 240,850 from his estimates of the funds required for this project in the Five Year Plan.

The Committee strongly endorsed my view, however, that this money should not be diverted to other development within the five year period, for to do so would be to commit the Government to expenditure of

£E.373,850 in respect of this project in the post-1950 period which it might not then be possible to finance if conditions deteriorate. The Committee, therefore, considered it wiser to cater for the £E.240,850 under the Five Year Plan leaving only the £E.133,000 to be found at a later date as originally contemplated.

(b) Equatoria Projects Board

The Five Year Plan as originally approved by Council allowed for the expenditure of only £E.350,000 in the period, leaving the remainder of the authorised capital of £E.500,000 to be provided later.

The Committee now consider that if the spinning and weaving mill is erected and paid for within the period the full authorised capital will need to be paid up. Accordingly, they recommend that the additional £E.150,000 be provided within the funds allocated for the Five Year Plan.

4. The addition of these two amounts to the total of the 1947/48 estimates as received brought the total demands for funds up to £E.9,485,728, or nearly £E1 million in excess of the funds available and set aside for the Five Year Plan.

5. In the present conditions of high prices, shortage of plant and supplies and difficulties in recruiting staff, the Committee were of the opinion that the Government would be most unwise to extend the scope of the Development Plan. Rather they felt that with the possibility of an economic recession in sight the funds earmarked for development should remain unchanged and the Plan be adjusted to fit the money available. If the slump comes and there is a marked decrease in prices, the economies resulting can then be used to extend the scope of development and help to reduce the effects of the depression on the Sudan by giving employment in a time of stringency.

6. Accordingly the Committee proceeded to consider means of pruning the submissions to within the total of £E.8,500,000.

7. Under the decisions taken last year all capital expenditure, other than on replacements (including deferred renewals), betterment and military works, was to be met against development funds. The result of this definition was that a mass of minor projects would have had to be financed against funds which the Committee now consider should be reserved solely for major schemes. The Committee therefore decided to delete from the Development Plan all items which could not be considered as major schemes (and to this end they took the arbitrary lower limit of £E.1,000 as the definition of a major scheme) or which could be regarded merely as normal annual improvements. These should take their chance annually against whatever funds can be provided in Chapter 3 of the Central Budget.

8. In addition to the transfer of these items (which in many instances included previously approved projects) for consideration elsewhere, the Committee were obliged not only to delete most of the new projects, but also to reduce or completely eliminate some of the projects previously included in the Plan in order to get within the total of £E. 8,500,000.

9. The Committee wished, however, to bring to Council's notice that at each review of the plan there are bound to be new projects put forward some of which are likely to merit inclusion in the Plan. Unless they are to be included on a substitution basis (and this may not be possible in the case of very costly projects such, for instance, as the Legislative Assembly building might be) they will have to be financed from the Unforeseen provision which now stands at £E. 297,347 with three working seasons of the Plan still to run. For this reason and because the future of world prices is an unknown factor, the Committee would have liked to set the Unforeseen provision at the higher figure of £E. 500,000. This, however, they found themselves unable to do without restricting unduly the scope of the present Development Plan. They therefore ask Council to endorse their recommendation that new projects of only the very highest importance to the country's ~~economic~~ welfare should be entertained during the remaining years of the Plan.

10. Furthermore, the Committee noted that, because the submissions did not, or could not, in the early stages contain all the information necessary to judge their economic implications, funds were approved under the present procedure for schemes which had not had the degree of scrutiny that was essential if money was not to be wasted. The Committee therefore recommended that Council in future should approve the Development Budgets only in principle, delegating to me the responsibility for giving final approval for execution of the project. This approval will be given only if detailed scrutiny of the final estimates substantiates the case for the project as originally submitted.

11. Those are the main recommendations of the Development Priorities Committee in regard to policy. I now turn to a brief description of the changes made in the Plan as a result of the current review.

Provinces

12 The Provinces have had difficulty with Development Budget procedure. Their demands in general have been for relatively minor schemes and in consequence they have had great difficulty in attempting to frame definite proposals to cover the five-year period. Most of them at best have only been able to draw up a programme for a year ahead at each review, while two of them tackled the problem in a different way and merely asked that a lump sum be set aside in each year to cover such schemes as appeared necessary when the time came.

The resulting allocation of funds appeared most inequitable to the Committee, as the two Provinces which asked for lump sums together with Equatoria, which had put forward a large programme (but concentrated into one year), absorbed most of the amount earmarked for the five year period, leaving very little for the other five Provinces.

Accordingly the Committee left in only the larger development projects so far submitted, and transferred the rest for consideration with the Central Budget. The sum involved is £E.12,922 in 1948, and, so far as can be foreseen £E.8,000 against the Central Budgets of subsequent years.

Departments

13. The total of the amounts transferred for consideration against the 1948 Central Budget is £E. 94,822.

14. Of this £E.15,585 is in respect of furniture and equipment for the Gordon College which is more properly chargeable to Chapter 3 of the College budget than to the allocation from development funds for buildings. This allocation, it should be mentioned, has been reduced from £E.227,405, to £E.184,415. The reduction is accounted for in part by the transfer mentioned above and for the rest by a pruning of the proposals to a minimum.

15. Another £E.24,904 of the transfer is in respect of the annual instalment of improvement undertaken by the Agriculture and Forests Department in the rainland areas of the Blue Nile Province. This recurrent expenditure is more properly chargeable against the Central Budget.

16. Apart from these transfers, I wish particularly to draw Council's attention to the Mechanised Crop Production Scheme. Results have not been up to expectations in the past, and the Committee recommends that a halt be called to expansion pending a complete review of the whole project by the Board of Economics and Trade on detailed figures of costings, yields, crops, etc. to be supplied by the Director of Agriculture and Forests. Accordingly provision is included at £E.41,000 to cover only unavoidable expenditure on works in hand, machinery on order and so forth and which will be incurred before 31st January, 1948, by which time it is hoped that the review I have mentioned will be completed. If the Board of Economics and Trade recommend the project to go forward on the basis at present envisaged by the Department it will become necessary to allocate to it some £E.50,000 from the Unforeseen Item.

17. The original allocation in the Five Year Plan for Posts and Telegraphs development was £E.500,000. Of this, £E.90,000, due for expenditure in 1948/49 and 1949/50 was set aside for the renewal and betterment of the Gezira telephone system. This renewal should more properly be financed in due course against the Central Budget. In addition there are other transfers, chiefly in respect of the annual capital cost of connecting up new telephone subscribers, totalling £E.54,362. Furthermore, £E.13,920 in respect of projects not scheduled originally to be started until 1948/49 or 1949/50 have had to be excluded from the scope of the present Plan. The allocation of £E.500,000 was accordingly reduced by £E.158,282.

Boards

18. The position in regard to the Civil Buildings Programme is fully described in Appendix IV, and the Roads Programme in Appendix V.. I do not propose to comment on the Rural Water Supplies and Soil Conservation Programme, as its 1947/48 budget has already been approved by Council in advance of this general review of the Plan.

Local Government Development

19. The £E.300,000 set aside to assist Local Government development has not yet been divided up among the various units, as the formula on which the distribution is to be made has required the collection of a considerable amount of information which has only just been received. I hope, however, to be able to inform Local Government units of their shares early in the new year. This will enable them to frame their development plans, for approval by the Development Priorities Committee, in accordance with the funds at their disposal.

Conclusion (See next page)

Conclusion

20. I will now summarize in tabular form the revised allocation recommended by the Committee:

	Allocation approved in principle by Council	Additions	Deductions		Revised allocation which Council is asked to approve in principle
			For consider-ation with Central Budget	Cancelled	
	£E.	£E.	£E.	£E.	£E.
Departments					
Medical	52,900	267	26,999	-	26,168
Gordon College	1,202,405	-	15,585	27,405	1,159,415
Education	94,487	7,630	11,170	7,780	83,167
Agriculture	871,529	191,280	740	59,051	1,003,018
Irrigation	1,175,000	49,185	8,750	-	1,215,435
Veterinary	4,400	10,480	-	-	14,880
Public Works	717,574	69,540	24,325	143,000	619,789
Posts and Telegraphs	500,000	-	144,362	13,920	341,718
Surveys	36,385	8,534	-	8,680	36,239
Civil Aviation	98,670	35,000	-	10,670	123,000
Public Relations	6,600	8,750	-	-	15,350
Mechanical Transport	-	205,000	-	-	205,000
Economics & Trade	-	21,005	-	-	21,005
	4,759,950	606,671	231,931	270,506	4,864,184
rovinces	60,000	26,034	2,842	45,360	37,832
Boards					
Rural Water Supplies and Soil Conservation	380,000	-	-	-	380,000
Public Works	2,353,399	-	-	32,762	2,320,637(d)
Roads and Communications	300,000	-	-	-	300,000(e)
	3,033,399	-	-	32,762	3,000,637
Local Governments					
Assistance to Local Governments	300,000	-	-	-	300,000
nforeseen Items	346,651	-	-	49,304	297,347
Total	8,500,000	632,705	234,773	397,932	8,500,000
		(a)	(b)	(b)	(c)

Notes

(a) Details in Appendix II
(b) " " " III
(c) " " " I

(d) See Appendix IV
(e) " " V

21. Finally, I ask Council

(a) to direct that the funds allotted to the Five Year Development Plan shall not exceed £E. 8,500,000 (exclusive of Sudan Railways capital expenditure)

(b) to direct that the Development Priorities Committee shall recommend no new projects for inclusion in the Five Year Development Plan unless such projects are judged by the Committee to be essential to the country's development

(c) to approve that provision shall not be made in the Development Budget for minor schemes, that is, schemes estimated to cost less than £E. 1000 each

(d) to approve, in principle, subject to annual review, the revised allocation, as shown in the last column of the table in paragraph 20, of the sum of £E. 8½ millions set aside for the Five Year Development Plan

(e) to approve in principle the 1947/48 Development Budget totalling £E. 3,558,677 as shown in Column 6 of Appendix I, page 1, and to delegate to me the responsibility for giving final approval for expenditure to be incurred against the items included in that Budget

(f) to approve the 1947/48 Building Programme for buildings other than education and (major) medical buildings as recommended by the Public Works Board and as outlined in paragraph 8 of Appendix IV to this Note; to approve the programme for major medical buildings as shown in paragraphs 12 to 15 of Appendix IV; and to direct that the whole programme of education buildings shall be reviewed with the object of securing the maximum possible economy in costs

(g) to approve in principle the Roads and Communications Board's major projects for the five year period, subject to the proviso so that no new major project is to be added to the programme without Council's specific approval, and that a progress report be submitted with the annual review of the Development Plan

(h) to authorize the Development Priorities Committee to allocate from the provision for unforeseen items such further sums as may in their opinion be necessary to complete projects approved in principle or under review (e.g. the third Secondary Boarding School and the Mechanised Crop Production Scheme)

(i) to authorize me to approve, on the recommendation of the Development Priorities Committee the allocation as between Local Governments of the sum of £E.300,000 set aside for loans or grants to them and to issue such loans or grants up to a total of £E.175,000 during the year to 30th September, 1948

(j) to authorize me to approve the placing of orders for plant and materials for which no provision is included in the 1947/48 Development Budget but which I am satisfied are needed for projects already approved in principle.

(sgd). J.W.[illegible] Miller.
FINANCIAL SECRETARY,
Sudan Government.

Note

Before approving the above resolutions, Council directed:-

(a) That the last four words of paragraph 21(b) be deleted.

(b) That the following sentence be added at the end of paragraph 21(f)

> "provided that funds for urgent projects recommended by the Public Works Board might be released by the Financial Secretary"

TC

FIVE YEAR DEVELOPMENT PLAN
1947/48 GENERAL STATEMENT.

	1	2	3	4
Unit	Total Provision for the 5 years.	Expenditure Incurred		1
		1945/46 (actual)	1946/47 (estimated)	Revote
	LE.	LE.	LE.	LE.
Departments				
Sudan Medical Service	26,168	-	5,612	5,55
Gordon Memorial College	1,159,415	97,600	345,539	21,94
Education Department	83,167	-	13,546	21,00
Agriculture and Forests Dept.	1,003,018	138,321	210,772	147,24
Sudan Irrigation Department	1,215,435	8,127	59,518	299,20
Sudan Veterinary Service	14,880	-	1,780	4,68
Public Works Department	619,789	24,906	43,660	198,96
Posts & Telegraphs Department''	341,718	8,170	76,107	59,33
Sudan Survey Department	36,239	1,261	6,008	4,50
Finance Department(Civil Aviation)	123,000	-	46,795	21,09
Civil Secretary's Department (Public Relations)	15,350	-	4,300	2,30
Mechanical Transport Department	205,000	10,446	27,554	10,00
Department of Economics and Trade	21,005	-	-	-
Total	4,864,184	288,831	841,191	795,81
Provinces				
Blue Nile Province	5,600	-	200	300
Darfur Province	2,844	-	2,744	100
Equatoria Province	20,251	1,783	3,712	4,82
Khartoum Province	4,650	-	150	-
Kordofan Province	311	-	311	-
Northern Province	100	-	100	-
Upper Nile Province	4,076	-	576	-
Total	37,832	1,783	7,793	5,22
ards				
Rural Water Supplies & Soil Conservation Board	380,000	39,380	41,497	66,43
Public Works Board	2,320,637	325,182	510,000	-
Roads & Communications Board	300,000	20,609	19,000	90,08
Total	3,000,637	385,171	570,497	156,518
ocal Governments	300,000	-	-	-
nforeseen Items	297,347	-	-	-
Grand Total	8,500,000	675,785	1,419,481	957,564

+ Allocation as between 1948/49 and 1949/50 often a

FIVE YEAR DEVELOPMENT PLAN
1947/48 GENERAL STATEMENT.

Appendix I
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Total Provision for the 5 years.	Expenditure Incurred		Estimated Future Expenditure				
			1947/48			+ 1948/49	+ 1949/50
	1945/46 (actual)	1946/47 (estimated)	Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
26,168	-	5,612	5,556	-	5,556	7,000	8,000
1,159,415	97,600	345,539	21,945	533,569	555,514	115,518	45,244
83,167	-	13,546	21,000	8,220	29,220	21,441	18,960
1,003,018	138,321	210,772	147,243	238,083	385,326	141,999	126,600
1,215,435	8,127	59,518	299,200	178,890	478,090	214,425	455,275
14,880	-	1,780	4,680	6,720	11,400	1,700	-
619,789	24,906	43,660	198,963	138,412	337,375	153,237	60,611
341,718	8,170	76,107	59,335	146,539	205,874	39,967	11,600
36,239	1,261	6,008	4,500	13,098	17,598	6,632	4,740
123,000	-	46,795	21,097	55,108	76,205	-	-
15,350	-	4,300	2,300	8,750	11,050	-	-
205,000	10,446	27,554	10,000	122,000	132,000	20,000	15,000
21,005	-	-	-	21,005	21,005	-	-
4,864,184	288,831	841,191	795,819	1,470,394	2,266,213	721,919	746,030
5,600	-	200	300	4,500	4,800	300	300
2,844	-	2,744	100	-	100	-	-
20,251	1,783	3,712	4,827	9,929	14,756	-	-
4,650	-	150	-	4,500	4,500	-	-
311	-	311	-	-	-	-	-
100	-	100	-	-	-	-	-
4,076	-	576	-	3,500	3,500	-	-
37,832	1,783	7,793	5,227	22,429	27,656	300	300
380,000	39,380	41,497	66,434	85,027	151,461	82,305	65,357
,320,637	325,182	510,000	-	700,000	700,000	409,000	376,455
300,000	20,609	19,000	90,084	10,916	101,000	79,000	80,391
,000,637	385,171	570,497	156,518	795,943	952,464	570,305	522,203
300,000	-	-	-	175,000	175,000	75,000	50,000
297,347	-	-	-	137,347	137,347	80,000	80,000
500,000	675,785	1,419,481	957,564	2,601,113	3,558,677	1,447,524	1,398,533

as between 1948/49 and 1949/50 often arbitrary.

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred		Estim
		1945/46 (actual)	1946/47 (estimated)	1 9
				Revote
	£E.	£E.	£E.	£E.
				SUDAN MEDI
Obeid : Midwives training school and welfare centre	900	-	-	900
itation Proposals	5,001	-	5,001 x	-
ipment for new buildings	20,000	-	344	4,656
scellaneous :				
Blue Nile Province :				
Mosquito & public health control - new pit latrines	17	-	17 x	-
Items of not more than £.30 each	250	-	250 x	-
Total	26,168	-	5,612	5,556
				GORDON ME
owment to Gordon Memorial College	975,000	97,500	342,225	15,600
rdon Memorial College buildings:				
School of Agriculture: Extension	5,000	-	-	5,000
School of Agriculture: 2 houses for senior staff	5,450	-	3,200	-
School of Agriculture: New cattle yard	800	-	105	695
Khartoum: Erection of garage	109	100	9	-
Dairy building and milking floor	650	-	-	650
Hostels and other buildings	172,406	-	-	-
	184,415	100	3,314	6,345
Total	1,159,415	97,600	345,539	21,945
				EDUCATION
lding grants to missions in the Sudan	74,257	-	12,056	21,000
ools : Equipment	1,280	-	1,280 x	-
scellaneous :				
Upper Nile Province : Erection of two luaks (cattle sheds)	60	-	60	-
Upper Nile Province : Digging of drains	25	-	25	-
Items of not more than £.30 each	125	-	125 x	-
thern and Northern Sudan : Technical education - equipment	6,400	-	-	-
ublication Bureau	1,020	-	-	-
Total	83,167	-	13,546	21,000

Scheme	Total Provision for the 5 years	Expenditure Incurred		E
		1945/46 (actual)	1946/47 (estimated)	Revot
	£E.	£E.	£E.	£E.
				SUDAN M
Obeid : Midwives training school and welfare centre	900	-	-	90
nitation Proposals	5,001	-	5,001 x	-
uipment for new buildings	20,000	-	344	4,65
scellaneous :				
Blue Nile Province :				
Mosquito & public health control - new pit latrines	17	-	17 x	-
Items of not more than £.30 each	250	-	250 x	-
Total	26,168	-	5,612	5,55
				GORDON
dowment to Gordon Memorial College	975,000	97,500	342,225	15,60
rdon Memorial College buildings:				
School of Agriculture: Extension	5,000	-	-	5,00
School of Agriculture: 2 houses for senior staff	5,450	-	3,200	-
School of Agriculture: New cattle yard	800	-	105	69
Khartoum: Erection of garage	109	100	9	-
Dairy building and milking floor	650	-	-	65
Hostels and other buildings	172,406	-	-	-
	184,415	100	3,314	6,34
Total	1,159,415	97,600	345,539	21,94
				EDUCATI
lding grants to missions in the Sudan	74,257	-	12,056	21,00
ools : Equipment	1,280	-	1,280 x	-
scellaneous :				
Upper Nile Province : Erection of two luaks (cattle sheds)	60	-	60	-
Upper Nile Province : Digging of drains	25	-	25	-
Items of not more than £.30 each	125	-	125 x	-
thern and Northern Sudan : Technical Education - equipment	6,400	-	-	-
ublication Bureau	1,020	-	-	-
Total	83,167	-	13,546	21,000

x

Further expenditure on items marked x is to be financed from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

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Total ovision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
£E.	£E.	£E.	£E.	£E.	£E.	£E.	£E.
			SUDAN MEDICAL SERVICE				
900	-	-	900	-	900	-	-
5,001	-	5,001 x	-	-	-	-	-
20,000	-	344	4,656	-	4,656	7,000	8,000
17	-	17 x	-	-	-	-	-
250	-	250 x	-	-	-	-	-
26,168	-	5,612	5,556	-	5,556	7,000	8,000
			GORDON MEMORIAL COLLEGE				
975,000	97,500	342,225	15,600	449,400	465,000	70,275	-
5,000	-	-	5,000	-	5,000	-	-
5,450	-	3,200	-	2,250	2,250	-	-
800	-	105	695	-	695	-	-
109	100	9	-	-	-	-	-
650	-	-	650	-	650	-	-
172,406	-	-	-	81,919	81,919	45,243	45,244
184,415	100	3,314	6,345	84,169	90,514	45,243	45,244
,159,415	97,600	345,539	21,945	533,569	555,514	115,518	45,244
			EDUCATION DEPARTMENT				
74,257	-	12,056	21,000	4,000	25,000	18,241	18,960
1,280	-	1,280 x	-	-	-	-	-
60	-	60	-	-	-	-	-
25	-	25	-	-	-	-	-
125	-	125 x	-	-	-	-	-
6,400	-	-	-	3,200	3,200	3,200	-
1,020	-	-	-	1,020	1,020	-	-
83,167	-	13,546	21,000	8,220	29,220	21,441	18,960

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4	
Scheme	Total Provision for the 5 years	Expenditure Incurred		Est	
		1945/46 (actual)	1946/47 (estimated)	1 9 4 7	
				Revote	Ne
	£E.	£E.	£E.	£E.	£
				AGRICULTURE & FORE	
griculture:					
Mechanised crop production	130,927	31,510	58,417	41,000	
Atbara dairy ...	4,418	2,936	600	882	
Khor Abu Habl scheme	110,903	90,903	15,000	5,000	
Yambio: Experiments	108	108	-	-	
Port Sudan: Ginning factory: Mechanical gin feeders - experiment in 1945/46	572	572	-	-	
Offloading platform	800	-	400	-	
Kadugli: Ginning factory - cotton seed oil mill	15,000	-	-	3,000	
Equatoria: Two oil mills	33,500	-	6,000	4,000	
Wau: Meat factory	1,300	-	-	1,300	
Toich cultivation: Experiment	2,000	-	1,000	800	
Investigation of possible projects	24,000	-	5,000	5,000	
Gash: Banana development	10,000	-	5,450	-	
Equatoria Projects Board	500,000	-	99,670	50,330	1
Harig areas: Building of rest houses	1,000	-	-	1,000	
Miscellaneous :					
Mule hamla & equipment	300	-	300	-	
Items of not more than LE.30 each	250	-	250 x	-	
Atbara dairy: Staff housing	2,225	-	-	-	
Total Agriculture	837,303	126,029	192,087	112,312	19

x Further expenditure on item marked x is to be financed from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947 / 48			1948/49	1949/50
			Revote	New	Total		
£E.	£E.	£E.	£E.	£E.	£E.	£E.	£E.
			AGRICULTURE & FORESTS DEPARTMENT				
130,927	31,510	58,417	41,000	–	41,000	–	–
4,418	2,936	600	882	–	882	–	–
110,903	90,903	15,000	5,000	–	5,000	–	–
108	108	–	–	–	–	–	–
572	572	–	–	–	–	–	–
800	–	400	–	400	400	–	–
15,000	–	–	3,000	–	3,000	12,000	–
33,500	–	6,000	4,000	23,500	27,500	–	–
1,300	–	–	1,300	–	1,300	–	–
2,000	–	1,000	800	200	1,000	–	–
24,000	–	5,000	5,000	14,000	19,000	–	–
10,000	–	5,450	–	4,550	4,550	–	–
500,000	–	99,670	50,330	150,000	200,330	100,000	100,000
1,000	–	–	1,000	–	1,000	–	–
300	–	300	–	–	–	–	–
250	–	250 x	–	–	–	–	–
2,225	–	–	–	2,225	2,225	–	–
837,303	126,029	192,087	112,312	194,875	307,187	112,000	100,000

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4	
Scheme	Total Provision for the 5 years	Expenditure Incurred		Est	
		1945/46 (actual)	1946/47 (estimated)	1947	
				Revote	Ne
griculture & Forests Department (Contd.)	LE.	LE.	LE.	LE.	L
orticulture					
Kassala, Kordofan and Blue Nile: Establishment of fruit nurseries	538	538	-	-	
Blue Nile Gerfs : Development of orchards	600	77	288	235	
Gash: Water investigation	272	272	-	-	
Kordofan: Establishment of demonstration gardens	176	100	39	37	
Salary of horticulturist	573	-	173	-	
Northern Province: Planting of date trees in Government pump schemes	42,694	5,580	7,134	3,003	7
Northern Province: Planting of citrus and mango trees in Government pump schemes	3,469	915	50	2,504	
Abu Gebeiha: Fruit nurseries - pump shelter	50	-	10	40	
Fruit nurseries: Drag harrows	200	-	120	80	
Wagar: Demonstration garden	300	-	180	120	
Northern Province: Pump schemes - houses for pomological staff, office and rest house	3,850	-	-	3,850	
Kordofan Province: Eastern Jebels - Khor Tendik - development of fruit growing	1,000	-	-	-	1
Total Horticulture	53,722	7,482	7,994	9,869	8
orestry					
Tractors for log haulage to saw mills	10,100	1,320	3,800	980	4
Zande saw mill	1,517	1,280	237	-	
Wau and Meshra: Rangers' houses	170	-	100	70	
Creation of forest reserves	34,100	1,407	2,693	5,345	4
Katire & Yei: Seasoning kilns	13,525	147	1,378	3,475	8
Equatoria Province: Housing for staff engaged on the creation of forest reserves and reafforestation	16,340	-	-	4,100	
Blue Nile Province: Creosoting tanks for hot & cold process	750	-	320	430	
General Expenditure: Salaries, allowances etc. of staff engaged on the creation of forest reserves					

Scheme	Total Provision for the 5 years	Incurred 1945/46 (actual)	Incurred 1946/47 (estimated)	1947/ Revote	1947/ New
	LE.	LE.	LE.	LE.	LE.
griculture & Forests Department (Contd.)					
rticulture					
Kassala, Kordofan and Blue Nile: Establishment of fruit nurseries	538	538	–	–	–
Blue Nile Gerfs : Development of orchards	600	77	288	235	–
Gash: Water investigation	272	272	–	–	–
Kordofan: Establishment of demonstration gardens	176	100	39	37	–
Salary of horticulturist	573	–	173	–	
Northern Province: Planting of date trees in Government pump schemes	42,694	5,580	7,134	3,003	7,
Northern Province: Planting of citrus and mango trees in Government pump schemes	3,469	915	50	2,504	–
Abu Gebeiha: Fruit nurseries - pump shelter	50	–	10	40	–
Fruit nurseries: Drag harrows	200	–	120	80	–
Wagar: Demonstration garden	300	–	180	120	–
Northern Province: Pump schemes - houses for pomological staff, office and rest house	3,850	–	–	3,850	–
Kordofan Province: Eastern Jebels - Khor Tendik - development of fruit growing	1,000	–	–	–	1,
Total Horticulture	53,722	7,482	7,994	9,869	8,
restry					
Tractors for log haulage to saw mills	10,100	1,320	3,800	980	4,
Zande saw mill	1,517	1,280	237	–	–
Wau and Meshra: Rangers' houses	170	–	100	70	–
Creation of forest reserves	34,100	1,407	2,693	5,345	4,
Katire & Yei: Seasoning kilns	13,525	147	1,378	3,475	8,
Equatoria Province: Housing for staff engaged on the creation of forest reserves and reafforestation	16,340	–	–	4,100	
Blue Nile Province: Creosoting tanks for hot & cold process	750	–	320	430	–
General Expenditure: Salaries, allowances etc. of staff engaged on the creation of forest reserves and reafforestation	6,860	–	100	–	3,
Carried forward	83,362	4,154	8,628	14,400	21,

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
538	538	-	-	-	-	-	-
600	77	288	235	-	235	-	-
272	272	-	-	-	-	-	-
176	100	39	37	-	37	-	-
573	-	173	-	400	400	-	-
42,694	5,580	7,134	3,003	7,527	10,530	10,850	8,600
3,469	915	50	2,504	-	2,504	-	-
50	-	10	40	-	40	-	-
200	-	120	80	-	80	-	-
300	-	180	120	-	120	-	-
3,850	-	-	3,850	-	3,850	-	-
1,000	-	-	-	1,000	1,000	-	-
53,722	7,482	7,994	9,869	8,927	18,796	10,850	8,600
10,100	1,320	3,800	980	4,000	4,980	-	-
1,517	1,280	237	-	-	-	-	-
170	-	100	70	-	70	-	-
34,100	1,407	2,693	5,345	4,655	10,000	10,000	10,000
13,525	147	1,378	3,475	8,525	12,000	-	-
16,340	-	-	4,100	705	4,805	5,250	6,285
750	-	320	430	-	430	-	-

Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
538	538	-	-	-	-	-	-
600	77	288	235	-	235	-	-
272	272	-	-	-	-	-	-
176	100	39	37	-	37	-	-
573	-	173	-	400	400	-	-
42,694	5,580	7,134	3,003	7,527	10,530	10,850	8,600
3,469	915	50	2,504	-	2,504	-	-
50	-	10	40	-	40	-	-
200	-	120	80	-	80	-	-
300	-	180	120	-	120	-	-
3,850	-	-	3,850	-	3,850	-	-
1,000	-	-	-	1,000	1,000	-	-
53,722	7,482	7,994	9,869	8,927	18,796	10,850	8,600
10,100	1,320	3,800	980	4,000	4,980	-	-
1,517	1,280	237	-	-	-	-	-
170	-	100	70	-	70	-	-
34,100	1,407	2,693	5,345	4,655	10,000	10,000	10,000
13,525	147	1,378	3,475	8,525	12,000	-	-
16,340	-	-	4,100	705	4,805	5,250	6,285
750	-	320	430	-	430	-	-
6,860	-	100	-	3,296	3,296	1,749	1,715
83,362	4,154	8,628	14,400	21,181	35,581	16,999	18,000

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4	5
Scheme	Total Provision for the 5 years	Expenditure Incurred			Est
		1945/46 (actual)	1946/47 (estimated)	1947	
				Revote	Ne
riculture & Forests Department orestry (Continued) (Contd.)	LE.	LE.	LE.	LE.	LE
Brought forward	83,362	4,154	8,628	14,400	21,
Firewood depots : Anti malarial works	825	–	250	575	–
Miscellaneous :					
Forest rangers' school- instruments and books	30	–	30	–	–
Juba: Timber storage shed	207	–	50	157	–
Katire: Improvement of extraction route	50	–	50	–	–
Katire & Yei: Housing of saw mill staff	3,064	–	500	2,564	–
Katire saw mills:					
Improvement to extraction methods	4,170	–	–	–	4,
Reorganisation of saw mills	1,380	–	–	–	1,
Improvement of extraction route	700	–	–	–	
Total Forestry	93,788	4,154	9,508	17,696	27,
esearch :					
Wad Medani : Extension of plant breeders ginnery	1,164	656	208	–	
Yambio : Experimental farm	16,900	–	834	7,366	6,
Soil sampling	141	–	141x	–	–
Total Research	18,205	656	1,183	7,366	6,

x Further expenditure on item marked x is to be financed from the Central Budget.

SUMMARY

	1	2	3	4	5
Agriculture	837,303	126,029	192,087	112.312	194,
Horticulture	53,722	7,482	7,994	9,869	8,
Forestry	93,788	4,154	9,508	17,696	27,
Research	18,205	656	1,183	7,366	6,
	1,003,018	138,321	210,772	147,243	238,

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
83,362	4,154	8,628	14,400	21,181	35,581	16,999	18,000
825	-	250	575	-	575	-	-
30	-	30	-	-	-	-	-
207	-	50	157	-	157	-	-
50	-	50	-	-	-	-	-
3,064	-	500	2,564	-	2,564	-	-
4,170	-	-	-	4,170	4,170	-	-
1,380	-	-	-	1,380	1,380	-	-
700	-	-	-	700	700	-	-
93,788	4,154	9,508	17,696	27,431	45,127	16,999	18,000
1,164	656	208	-	300	300	-	-
16,900	-	834	7,366	6,550	13,916	2,150	-
141	-	141x	-	-	-	-	-
18,205	656	1,183	7,366	6,850	14,216	2,150	-

SUMMARY

1	2	3	4	5	6	7	8
837,303	126,029	192,087	112,312	194,875	307,187	112,000	100,000
53,722	7,482	7,994	9,869	8,927	18,796	10,850	8,600
93,788	4,154	9,508	17,696	27,431	45,127	16,999	18,000
18,205	656	1,183	7,366	6,850	14,216	2,150	-
,003,018	138,321	210,772	147,243	238,083	385,326	141,999	126,600

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4.	5
Scheme	Total Provision for the 5 years	Expenditure Incurred		Estimated	
		1945/46 (actual)	1946/47 (estimated)	1947/	
				Revote	New
	LE.	LE.	LE.	LE.	LE.
				SUDAN IRRIGATION	
Wad Medani : Extension to headquarters office	32,500	2,104	12,696	17,700	-
Transfer of Mechanical Division headquarters, workshops and store to Wad Medani	91,000	-	7,450	83,550	-
Extension of Gezira scheme	{ 753,300 (+ 256,700	6,023	24,277	153,400	129,6
Making good deficiencies of housing for irrigation staff in the canalised area	50,000	-	-	10,000	6,0
Sennar and Gezira : Additional mechanical plant	6,250	-	700	5,550	-
Housing scheme	83,290	-	11,000	29,000	43,2
Miscellaneous	3,395	-	3,395 x	-	-
Total	1,276,435	8,127	59,518	299,200	178,8
Less cut	{ 45,150 (+ 15,850	-	-	-	-
	1,215,435	8,127	59,518	299,200	178,8
				SUDAN	VETERIN
Darfur and Equatoria : Equipment for new laboratories	4,000	-	-	4,000	-
Darfur and Equatoria : Cattle crushes	600	-	300	100	2
Miscellaneous :					
Microscope (one)	180	-	180	-	-
Items of not more than £.30 each	200	-	200 x	-	-
Equipment for Pasture Research Officer and Inspector of hides	200	-	200 x	-	-
Mass immunisation : Syringes, needles etc.	2,000	-	900	580	5
Cattle Trypanosomiasis control	5,000	-	-	-	5,0
Goat virus immunisation research	1,000	-	-	-	1,0
Upper Nile Province : Cattle plague immunisation	1,700	-	-	-	-
	14,880	-	1,780	4,680	6,

x
Further expenditure on items marked x is to be financed from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
			SUDAN IRRIGATION DEPARTMENT				
32,500	2,104	12,696	17,700	-	17,700	-	-
91,000	-	7,450	83,550	-	83,550	-	-
{ 753,300 {+ 256,700	6,023	24,277	153,400	129,600	283,000	220,000	{ 220,000 {+ 256,700
50,000	-	-	10,000	6,000	16,000	17,000	17,000
6,250	-	700	5,550	-	5,550	-	-
83,290	-	11,000	29,000	43,290	72,290	-	-
3,395	-	3,395 x	-	-	-	-	-
1,276,435	8,127	59,518	299,200	178,890	478,090	237,000	493,700
{ 45,150 { + 15,850	-	-	-	-	-	22,575	{ 22,575 { + 15,850
1,215,435	8,127	59,518	299,200	178,890	478,090	214,425	455,275
			SUDAN VETERINARY SERVICE				
4,000	-	-	4,000	-	4,000	-	-
600	-	300	100	200	300	-	-
180	-	180	-	-	-	-	-
200	-	200 x	-	-	-	-	-
200	-	200 x	-	-	-	-	-
2,000	-	900	580	520	1,100	-	-
5,000	-	-	-	5,000	5,000	-	-
1,000	-	-	-	1,000	1,000	-	-
1,700	-	-	-	-	-	1,700	-
14,880	-	1,780	4,680	6,720	11,400	1,700	-

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW.

Scheme	Total Provision for the 5 years	Expenditure Incurred		Estimated	
		1945/46 (actual	1946/47 (estimated)	1 9 4	
				Revote	Ne
	1	2	3	4	5
	LE.	LE.	LE.	LE.	L
				PUBLIC WORKS	
General Expenditure : Salaries, allowances, services etc.	73,5040	–	13,919	2,456	3
Road-making machinery : Additional	90,000	–	–	60,000	
Workshops machinery : Additional	7,050	–	3,268	3,782	
Maalia Goz : Sugar and Dain – 4 bore holes and equipment for two complete water yards	8,000	–	3,650	2,150	2
Maalia Goz : Abu Karinka – Duplicate bore and installation of a complete water yard	4,000	–	1,~~375~~	1,625	
El Obeid Water Supply : (a) Extension (b) Khor Teggat pipeline	 15,101 6,808	 15,101 6,808	 – –	 – –	
El Obeid : Fula water scheme hightening of main dam across khor by one metre	500	–	500	–	
First installations : Electricity and water	2,395	–	2,395 x	–	
Government offices and quarters : Installation of fans	900	–	900 x	–	
Um Defeis : Additional bore holes, pumping plant and tank	2,000	–	2,000	–	
Dudyia : Duplicate bore and installation of complete water yard	4,000	–	–	3,000	1,
Port Sudan : Water supply – extension to distribution system	2,905		–	2,000	
Moghren : Temporary fire hydrant at timber yard	700	–	650	50	
Terter : Eastern Jebels – water yards	4,000	–	–	3,200	
Kordofan and Darfur : Water yards	48,000	–	–	–	4,
Kosti : Electricity and water supplies	90,200	2,997	9,003	78,200	
Atbara Town : Water supply	52,626	–	–	25,000	1,
Carried forward					

	5 years	1945/46 (actual	1946/47 (estimated)	Revote	Ne
	LE.	LE.	LE.	LE.	L
				PUBLIC	WORKS
eneral Expenditure : Salaries, allowances, services etc.	73,504Ø	–	19,919	2,456	
ad-making machinery : Additional	90,000	–	–	60,000	
rkshops machinery : Additional	7,050	–	3,268	3,782	
alia Goz : Sugar and Dain – 4 bore holes and equipment for two complete water yards	8,000	–	3,650	2,150	
alia Goz : Abu Karinka – Duplicate bore and installation of a complete water yard	4,000	–	1,375	1,625	
Obeid Water Supply : (a) Extension (b) Khor Teggat pipeline	 15,101 6,808	 15,101 6,808	 – –	 – –	
Obeid : Fula water scheme hightening of main dam across khor by one metre	500	–	500	–	
rst installations : Electricity and water	2,395	–	2,395 x	–	
vernment offices and quarters : Installation of fans	900	–	900 x	–	
Defeis : Additional bore holes, pumping plant and tank	2,000	–	2,000	–	
dyia : Duplicate bore and installation of complete water yard	4,000	–	–	3,000	
rt Sudan : Water supply – extension to distribution system	2,905		–	2,000	
hren : Temporary fire hydrant at timber yard	700	–	650	50	
ter : Eastern Jebels – water yards	4,000	–	–	3,200	
dofan and Darfur : Water yards	48,000	–	–	–	
ti : Electricity and water supplies	90,200	2,997	9,003	78,200	
ara Town : Water supply	52,626	–	–	25,000	
Carried forward	412,689	24,906	43,660	181,463	

Ø This will be supplemented as necessary by a levy on funds approved for projects undertaken by the Public Works Department.

x Further expenditure on items marked x is to be financed from the Central Budget

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW.

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
			PUBLIC WORKS DEPARTMENT				
73,5040	-	19,919	2,456	31,907	34,363	9,611	9,611
90,000	-	-	60,000	-	60,000	30,000	-
7,050	-	3,268	3,782	-	3,782	-	-
8,000	-	3,650	2,150	2,200	4,350	-	-
4,000	-	1,375	1,625	1,000	2,625	-	-
15,101 6,808	15,101 6,808	- -	- -	- -	- -	- -	- -
500	-	500	-	-	-	-	-
2,355	-	2,355 x	-	-	-	-	-
900	-	900 x	-	-	-	-	-
2,000	-	2,000	-	-	-	-	-
4,000	-	-	3,000	1,000	4,000	-	-
2,905	-	-	2,000	905	2,905	-	-
700	-	650	50	-	50	-	-
4,000	-	-	3,200	800	4,000	-	-
48,000	-	-	-	4,000	4,000	20,000	24,000
90,200	2,997	9,003	78,200	-	78,200	-	-
52,626	-	-	25,000	1,000	26,000	26,626	-
412,689	24,906	43,660	181,463	42,812	224,275	86,237	[illegible]

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual	1946/47 (estimated)	1 9 4 7 / 4 8 Revote	New	Total	1948/49	1949/50
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
			PUBLIC WORKS DEPARTMENT				
73,5040	-	19,919	2,456	31,907	34,363	9,611	9,611
90,000	-	-	60,000	-	60,000	30,000	-
7,050	-	3,268	3,782	-	3,782	-	-
8,000	-	3,650	2,150	2,200	4,350	-	-
4,000	-	1,375	1,625	1,000	2,625	-	-
15,101	15,101	-	-	-	-	-	-
6,808	6,808	-	-	-	-	-	-
500	-	500	-	-	-	-	-
2,355	-	2,355 x	-	-	-	-	-
900	-	900 x	-	-	-	-	-
2,000	-	2,000	-	-	-	-	-
4,000	-	-	3,000	1,000	4,000	-	-
2,905	-	-	2,000	905	2,905	-	-
700	-	650	50	-	50	-	-
4,000	-	-	3,200	800	4,000	-	-
48,000	-	-	-	4,000	4,000	20,000	24,000
90,200	2,997	9,003	78,200	-	78,200	-	-
52,626	-	-	25,000	1,000	26,000	26,626	-
412,685	24,906	43,660	181,463	42,812	224,275	86,237	33,611

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred 1945/46 (actual)	Expenditure Incurred 1946/47 (estimated)	Revote
Public Works Department (Contd.)	LE.	LE.	LE.	LE.
Brought forward	412,689	24,906	43,660	181,463
El Obeid : Extensions to electricity supply	35,000	–	–	17,500
Wau : New water and electricity supplies	27,000	–	–	–
Kassala : Electricity and water supplies	52,500	–	–	–
Malakal . Extensions to electricity supply	7,500	–	–	–
Juba : Extensions to electricity supply	5,000	–	–	–
El Fasher : Electricity and water supplies	52,000	–	–	–
Juba : Extension to water supply plant	6,500	–	–	–
Malakal : Extension to water supply plant	5,000	–	–	–
Wadi Halfa : Extension to water supply plant	6,500	–	–	–
Tokar : Increased storage for water supply	1,100	–	–	–
Port Sudan : Improvements to aerodrome	5,000	–	–	–
Kassala : Improvements to aerodrome	4,000	–	–	–
Total	619,789	24,906	43,660	198,963

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total rovision or the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
412,689	24,906	43,660	181,463	42,812	224,275	86,237	33,611
35,000	–	–	17,500	17,500	35,000	–	–
27,000	–	–	–	–	–	–	27,000
52,500	–	–	–	40,000	40,000	12,500	–
7,500	–	–	–	–	–	7,500	–
5,000	–	–	–	–	–	5,000	–
52,000	–	–	–	10,000	10,000	42,000	–
6,500	–	–	–	6,500	6,500	–	–
5,000	–	–	–	5,000	5,000	–	–
6,500	–	–	–	6,500	6,500	–	–
1,100	–	–	–	1,100	1,100	–	–
5,000	–	–	–	5,000	5,000	–	–
4,000	–	–	–	4,000	4,000	–	–
619,789	24,906	43,660	198,963	138,412	337,375	153,237	60,611

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

	1	2	3	4	5
Scheme	Total Provision for the 5 years	Expenditure Incurred		Estimated	
		1945/46 (actual)	1946/47 (estimated)	1947	
				Revote	Ne
	LE.	LE.	LE.	LE.	LE.
			POSTS & TELEGRAPHS DEPART		
Khartoum & Atbara : Train control circuit between Khartoum and Atbara	8,600	5,660	2,940	–	
Shendi : Automatic telephone exchange	6,400	994	39	861	
Private letter box suites and special postal fittings	9,300	–	–	7,000	
Yambio and Juba : Wireless channel between Yambio & Juba	2,030	356	200	1,474	
Gedaref : Four additional telephones in the Leiya scheme	1,950	1,160	790	–	
Omdurman 100 K-V-A Diesel-generating set at wireless station	6,800	–	–	6,800	
Khartoum & Atbara : Twelve-channel carrier telephony link between Khartoum and Atbara	33,000	–	24,000	9,000	
Khartoum : High power shortwave broadcast transmitter	14,500	–	7,000	7,500	
Khartoum & Wad Medani : Twelve-channel open-wire carrier telephony link between Khartoum and Wad Medani	36,000	–	10,000	5,000	18
Port Sudan : Automatic telephone exchange with an initial capacity of 600 lines	30,900	–	–	10,000	18
Atbara : Automatic telephone exchange with an initial capacity of 500 lines	25,700	–	–	8,000	
Wad Medani & El Obeid : Three-channel carrier telephony link between Wad Medani & El Obeid	49,000	–	20,000	–	20
Extensions : Government subscribers	5,000	–	5,000 x	–	
Extensions : Non-Government subscribers	3,000	–	3,000 x	–	
Headquarters workshops : Additional machine tools	4,900	–	300	700	1
Telecommunication laboratory and testing apparatus	6,400	–	1,000	–	1
Miscellaneous office equipment and accounting machinery	260	–	260 x	–	

POSTS & TELEGRAPHS DEPAR

Khartoum & Atbara : Train control circuit between Khartoum and Atbara	8,600	5,660	2,940	–
Shendi : Automatic telephone exchange	6,400	994	39	861
Private letter box suites and special postal fittings	9,300	–	–	7,000
Yambio and Juba : Wireless channel between Yambio & Juba	2,030	356	200	1,474
Gedaref : Four additional telephones in the Leiya scheme	1,950	1,160	790	–
Omdurman 100 K-V-A Diesel-generating set at wireless station	6,800	–	–	6,800
Khartoum & Atbara : Twelve-channel carrier telephony link between Khartoum and Atbara	33,000	–	24,000	9,000
Khartoum : High power shortwave broadcast transmitter	14,500	–	7,000	7,500
Khartoum & Wad Medani : Twelve-channel open-wire carrier telephony link between Khartoum and Wad Medani	36,000	–	10,000	5,000
Port Sudan : Automatic telephone exchange with an initial capacity of 600 lines	30,900	–	–	10,000
Atbara : Automatic telephone exchange with an initial capacity of 500 lines	25,700	–	–	8,000
Wad Medani & El Obeid : Three-channel carrier telephony link between Wad Medani & El Obeid	49,000	–	20,000	–
Extensions : Government subscribers	5,000	–	5,000 x	–
Extensions : Non-Government subscribers	3,000	–	3,000 x	–
Headquarters workshops : Additional machine tools	4,900	–	300	700
Telecommunication laboratory and testing apparatus	6,400	–	1,000	–
Miscellaneous office equipment and accounting machinery	260	–	260 x	–
Gedaref : Extension to Post Office building	500	–	500	–
Khartoum & Asmara : Single-channel carrier telephony link between Khartoum and Asmara	2,000	–	–	2,000
12 New postal and telegraph agencies	3,600	–	600	1,000
Miscellaneous expenditure : Posts and Telegraphs services	300	–	300 x	–
Miscellaneous expenditure :				

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.

POSTS & TELEGRAPHS DEPARTMENT

8,600	5,660	2,940	–	–	–	–	–
6,400	994	39	861	139	1,000	4,367	–
9,300	–	–	7,000	–	7,000	–	2,300
2,030	356	200	1,474	–	1,474	–	–
1,950	1,160	790	–	–	–	–	–
6,800	–	–	6,800	–	6,800	–	–
33,000	–	24,000	9,000	–	9,000	–	–
14,500	–	7,000	7,500	–	7,500	–	–
36,000	–	10,000	5,000	18,000	23,000	3,000	–
30,900	–	–	10,000	18,000	28,000	2,900	–
25,700	–	–	8,000	–	8,000	17,700	–
49,000	–	20,000	–	20,000	20,000	9,000	–
5,000	–	5,000 x	–	–	–	–	–
3,000	–	3,000 x	–	–	–	–	–
4,900	–	300	700	1,000	1,700	–	2,900
6,400	–	1,000	–	1,000	1,000	–	4,400
260	–	260					

			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
POSTS & TELEGRAPHS DEPARTMENT							
8,600	5,660	2,940	-	-	-	-	-
6,400	994	39	861	139	1,000	4,367	-
9,300	-	-	7,000	-	7,000	-	2,300
2,030	356	200	1,474	-	1,474	-	-
1,950	1,160	790	-	-	-	-	-
6,800	-	-	6,800	-	6,800	-	-
33,000	-	24,000	9,000	-	9,000	-	-
14,500	-	7,000	7,500	-	7,500	-	-
36,000	-	10,000	5,000	18,000	23,000	3,000	-
30,900	-	-	10,000	18,000	28,000	2,900	-
25,700	-	-	8,000	-	8,000	17,700	-
49,000	-	20,000	-	20,000	20,000	9,000	-
5,000	-	5,000 x	-	-	-	-	-
3,000	-	3,000 x	-	-	-	-	-
4,900	-	300	700	1,000	1,700	-	2,900
6,400	-	1,000	-	1,000	1,000	-	4,400
260	-	260 x	-	-	-	-	-
500	-	500	-	-	-	-	-
2,000	-	-	2,000	-	2,000	-	-
3,600	-	600	1,000	-	1,000	-	2,000

1947/48 REVIE

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred		
		1945/46 (actual)	1946/47 (estimated)	Revot
osts & Telegraphs Department (Contd.)	LE.	LE.	LE.	LE.
Brought forward	250,318	8,170	76,107	59,3
tbara & Port Sudan : Three-channel carrier telephony link between Atbara and Port Sudan	12,000	-	-	-
um Towns : Small telephone exchanges	5,600	-	-	-
bu Hamad & Kareima : Telephone line between Abu Hamad & Kareima	5,000	-	-	-
umbek - Yirrol - Shambe : Telephone line between Rumbek - Yirrol - Shambe	9,000	-	-	-
ambio & Li Rangu : Telephone line between Yambio and Li Rangu	1,800	-	-	-
olice Radio - telephony network	7,000	-	-	-
osti & El Obeid : Communal listening facilities	1,000	-	-	-
hartoum & Omdurman : Extension of automatic exchanges	50,000	-	-	-
Total	341,718	8,170	76,107	59,

x Further expenditure on items marked x is to be financed from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN

Appendix I
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1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
250,318	8,170	76,107	59,335	58,139	117,474	36,967	11,600
12,000	-	-	-	12,000	12,000	-	-
5,600	-	-	-	5,600	5,600	-	-
5,000	-	-	-	5,000	5,000	-	-
9,000	-	-	-	6,000	6,000	3,000	-
1,800	-	-	-	1,800	1,800	-	-
7,000	-	-	-	7,000	7,000	-	-
1,000	-	-	-	1,000	1,000	-	-
50,000	-	-	-	50,000	50,000	-	-
341,718	8,170	76,107	59,335	146,539	205,874	39,967	11,600

ked
tral Budget.

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

	1.	2.	3.	4.
Scheme	Total Provision for the 5 years	Expenditure Incurred		E
		1945/46 (actual)	1946/47 (estimated)	Revote
	LE.	LE.	LE.	LE.
				SUDAN
Triangulation programme	17,831	1,261	2,888	-
Precise levelling programme	4,320	-	680	400
Air photographs	5,560	-	560	1,980
Photo-reproduction equipment	8,528	-	1,880	2,120
Total	36,239	1,261	6,008	4,500
				CIVIL
Sudan Airways: Inauguration	88,000	-	46,755	21,097
Sudan Airways: Development of facilities on aerodromes	35,000	-	-	-
Total	123,000	-	46,755	21,097
				PUBLI
Mobile cinemas and lorries	10,450	-	4,300	2,300
Broadcasting: 75 listening sets for distribution	2,400	-	-	-
Broadcasting: Mobile recording van	2,500	-	-	-
Total	15,350	-	4,300	2,300
				MECHA
Vehicles: Additional	105,500	10,446	27,554	10,000
Creation of new Mechanical Transport Department	99,500	-	-	-
Total	205,000	10,446	27,554	10,000

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

1.	2.	3.	4.	5	6	7.	8
tal ision the 5 rs	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
			SUDAN SURVEY DEPARTMENT				
7,831	1,261	2,888	-	4,870	4,870	5,552	3,260
4,320	-	680	400	680	1,080	1,080	1,480
5,590	-	560	1,980	3,020	5,000	-	-
8,528	-	1,880	2,120	4,528	6,648	-	-
6,239	1,261	6,008	4,500	13,098	17,598	6,632	4,740
			CIVIL AVIATION				
,000	-	46,795	21,097	20,108	41,205	-	-
,000	-	-	-	35,000	35,000	-	-
,000	-	46,795	21,097	55,108	76,205	-	-
			PUBLIC RELATIONS OFFICE				
0,450	-	4,300	2,300	3,850	6,150	-	-
,400	-	-	-	2,400	2,400	-	-
,500	-	-	-	2,500	2,500	-	-
,350	-	4,300	2,300	8,750	11,050	-	-
			MECHANICAL TRANSPORT DEPARTMENT				
,500	10,446	27,554	10,000	22,500	32,500	20,000	15,000
,500	-	-	-	99,500	99,500	-	-
,000	10,446	27,554	10,000	122,000	132,000	20,000	15,000

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW.

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred		19
		1945/46 (actual)	1946/47 (estimated)	Revote
	£E.	£E.	£E.	£E.
				BLUE NIL
ung District : Road-making machinery	3,000	-	-	-
inga Town : Drainage	1,300	-	200	300
zaza Maiya : Filling	1,300	-	-	-
Total	5,600	-	200	300
				DARFUR
arious small projects	800	-	800 x	-
alingei : Furniture for rest houses	44	-	44	-
llit Dam	2,000	-	1,900	100
Total	2,844	-	2,744	100
				EQUATORI
mbio : Town development	500	184	150	166
rripi : Prison and mental hospital	1,810	-	-	1,810
ba Town : Improvement of roads	8,874	1,599	2,330	1,071
trition investigation	2,455	-	720	780
adi dairy	132	-	132 x	-
tor scythes	180	-	180 x	-
gichot : Hydram installation	1,000	-	-	1,000
ums of not more than £.30 each	200	-	200 x	-
ba : Piped water supply for irrigation of gardens	5,100	-	-	-
Total				

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW.

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
£E.	£E.	£E.	£E.	£E.	£E.	£E.	£E.
			BLUE NILE PROVINCE				
3,000	-	-	-	3,000	3,000	-	-
1,300	-	200	300	800	1,100	-	-
1,300	-	-	-	700	700	300	300
5,600	-	200	300	4,500	4,800	300	300
			DARFUR PROVINCE				
800	-	800 x	-	-	-	-	-
44	-	44	-	-	-	-	-
2,000	-	1,900	100	-	100	-	-
2,844	-	2,744	100	-	100	-	-
			EQUATORIA PROVINCE				
500	184	150	166	-	166	-	-
1,810	-	-	1,810	-	1,810	-	-
8,874	1,599	2,330	1,071	3,874	4,945	-	-
2,455	-	720	780	955	1,735	-	-
132	-	132 x	-	-	-	-	-
180	-	180 x	-	-	-	-	-
1,000	-	-	1,000	-	1,000	-	-
200.	-	200 x	-	-	-	-	-
5,100	-	-	-	5,100	5,100	-	-
20,251	1,783	3,712	4,827	9,929	14,756	-	-

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred 1945/46 (actual)	Expenditure Incurred 1946/47 (estimated)	19 Revote
	LE.	LE.	LE.	LE.
			KHARTOUM PROVINCE	
tems of not more than LE.30 each	150	-	150x	-
ndurman: Extension to irrigation system	4,500	-	-	-
Total	4,650	-	150	-
			KORDOFAN PROVINCE	
iscellaneous :				
El Obeid dairy	60	-	60x	-
Ban Gedid : First offenders quarrying camp - 12 additional tukls	11	-	11x	-
El Obeid : Establishment of garden nurseries	80	-	80x	-
Items of not more than LE.30 each	160	-	160x	-
Total	311	-	311	-
			NORTHERN PROVINCE	
hendi : Police club - furniture	40	-	40	-
tems of not more than £.30 each	60	-	60x	-
Total	100	-	100	-
			UPPER NILE PROVINCE	
arious small projects	76	-	76x	-
iscellaneous :				
Native officials' quarters: Construction of minor gadwals for watering	100	-	100	-
Malakal: Bricking of town roads	200	-	200	-
Akobo: Experiments in brick making	50	-	50	-
Items of not more than LE.30 each	150	-	150x	-
Malakal new dairy	3,500	-	-	-
Total	4,076	-	576	-

x Further expenditure on items marked x i
from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
LE.	LE.	LE.	LE.	LE.	LE.	LE.	LE.
		KHARTOUM PROVINCE					
150	-	150 x	-	-	-	-	-
4,500	-	-	-	4,500	4,500	-	-
4,650	-	150	-	4,500	4,500	-	-
		KORDOFAN PROVINCE					
60	-	60 x	-	-	-	-	-
11	-	11 x	-	-	-	-	-
80	-	80 x	-	-	-	-	-
160	-	160 x	-	-	-	-	-
311	-	311	-	-	-	-	-
		NORTHERN PROVINCE					
40	-	40	-	-	-	-	-
60	-	60 x	-	-	-	-	-
100	-	100	-	-	-	-	-
		UPPER NILE PROVINCE					
76	-	76 x	-	-	-	-	-
100	-	100	-	-	-	-	-
200	-	200	-	-	-	-	-
50	-	50	-	-	-	-	-
150	-	150 x	-	-	-	-	-
3,500	-	-	-	3,500	3,500	-	-
4,076	-	576	-	3,500	3,500		-

x Further expenditure on items marked x is to be financed from the Central Budget.

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred		Estim
		1945/46 (actual)	1946/47 (estimated)	19 Revote
	£E.	£E.	£E.	£E.
RAL WATER SUPPLIES AND SOIL CONSERVATION BOARD				
Rural Water Supplies and Soil Conservation Board programme	380,000	39,380	41,497	66,434
UBLIC WORKS BOARD				
ivil Buildings programme	2,320,637	325,182	510,000	-
OADS AND COMMUNICATIONS BOARD				
oads programme	300,000	20,609	19,000	90,084

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1 9 4 7 / 4 8			1948/49	1949/50
			Revote	New	Total		
£E.	£E.	£E.	£E.	£E.	£E.	£E.	£E.
				BOARDS			
380,000	39,380	41,497	66,434	85,027	151,461	82,305	65,357
2,320,637	325,182	510,000	-	700,000	700,000	409,000	376,455
300,000	20,609	19,000	90,084	10,916	101,000	79,000	80,391

FIVE YE.R DEVELOPMENT PL

1947/48 REVIEW

	1	2	3	4
Scheme	Total Provision for the 5 years	Expenditure Incurred		Es
		1945/46 (actual)	1946/47 (estimated)	19
				Revote
	£E.	£E.	£E.	£E.
				LOCAL
ssistance to Local Governments	300,000	-	-	-
				UNFOR
nforeseen Items	297,347	-	-	-

FIVE YEAR DEVELOPMENT PLAN
1947/48 REVIEW

1	2	3	4	5	6	7	8
Total Provision for the 5 years	Expenditure Incurred		Estimated Future Expenditure				
	1945/46 (actual)	1946/47 (estimated)	1947/48			1948/49	1949/50
			Revote	New	Total		
£E.	£E.	£E.	£E.	£E.	£E.	£E.	£E.
LOCAL GOVERNMENTS							
300,000	-	-	-	175,000	175,000	75,000	50,000
UNFORESEEN ITEMS							
297,347	-	-	-	137,347	137,347	80,000	80,000

APPENDIX II

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

Additions recommended by Development Priorities Committee

Departments

	£E.	£E.
dan Medical Service		
Minor items*		267
ucation Department		
Technical education, Northern and Southern Sudan: Equipment	6,400	
Publications Bureau, Southern Sudan: Equipment	1,020	
Minor Items	210	
		7,630
riculture & Forests Department		
Khor Abu Habl Scheme	8,403	
Increase of provision from £E. 102,500 to £E. 110,903.		
Investigation of possible projects	4,000	
Equatoria Projects Board	150,000	
Increase of provision from £E. 350,000 to £E. 500,000 (see paragraph 3b of Note).		
Harig Area: Building of rest houses	1,000	
Athara Dairy: Staff housing	2,225	
Carried forward	165,628	7,897

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* The amounts shown against "Minor items" in this Appendix represent expenditure incurred up to 30th September, 1947, on approved schemes costing less than £E. 1000. As remarked in paragraph 7 of the Note, provision for further expenditure on such schemes has been deleted from the Development Plan, though a few exceptions have been made in cases where work was in progress at 30th September, 1947.

	£E.	£E.
Brought forward	165,628	7,897
Northern Province: Planting of date trees in Government pump schemes Increase of provision from £E.31,694 to £E.42,694	11,000	
Tractors for log haulage to saw mills	2,000	
Katire and Yei: Housing of saw mill staff	3,064	
Katire saw mills: Improvements of extraction methods and routes and re-organization of saw mills	6,250	
Minor items	3,338	
		191,280
Sudan Irrigation Department		
Housing Scheme: increase of provision from £E.40,000 to £E.83,290	43,290	
Adjustment of overall cut on programme	2,500	
Miscellaneous expenditure	3,395	
		49,185
Sudan Veterinary Service		
Mass immunisation: Syringes, needles etc.	2,000	
Cattle trypanosomiasis control	5,000	
Goat virus immunisation research	1,000	
Upper Nile Province: Cattle plague immunisation	1,700	
Minor items	780	
		10,480
Public Works Department		
Maalia Goz: Sugar and Da'in:		
Four bore holes and equipment for two complete water yards. Increase in provision from £E.5,800 to £E.8,000	2,200	
Maalia Goz: Abu Karinka: Duplicate bore and installation of a complete water yard. Increase in provision from £E.3,000 to £E.4,000.	1,000	
El Obeid Water Supply: Over-expenditure on provision of £E.17,500	4,409	
Carried forward	7,609	258,842

	£E.	£E.
Brought forward	7,609	258,842
Dudyia: Duplicate bore and installation of complete water yard. Increase of provision from £E.3,000 to £E.4,000	1,000	
Kordofan and Darfur: Water Yards. Increase of provision for 9 water yards at £E.3000 each to 12 water yards at £E.4,000 each	21,000	
Atbara Town: Water Supply. Increase of provision from £E.42,500 to £E.52,626	10,126	
Juba: Extension to water supply plant	6,500	
Malakal: Extension to water supply plant	5,000	
Wadi Halfa: Extension to water supply plant	6,500	
Tokar: Increased storage for water supply	1,100	
Port Sudan: Improvements to aerodrome	5,000	
Kassala: Improvements to aerodrome	4,000	
Minor items	1,705	
		69,540
n Survey Department		
Triangulation programme Increase in provision	4,906	
hoto-reproduction equipment Increase in provision	3,628	
		8,534
vil Aviation		
Sudan Airways: Development of facilities on aerodromes		35,000
blic Relations		
Mobile cinemas and lorries	3,850	
Broadcasting: 75 listening sets for distribution	2,400	
Broadcasting: Mobile recording van	2,500	
		8,750
Carried forward		380,666

	£E.	£E.
Brought forward		380,666
echanical Transport Department		
Additional vehicles	105,500	
Workshops, equipment, etc. for the new Department	99,500	
		205,000
epartment of Economics and Trade		
Machinery and equipment for Statistical Section		21,005
Total Departments		606,671
rovinces		
Blue Nile Province		
Fung District: Road making machinery	2,200	
Singa Town: Drainage	1,300	
Azaza Maiya: Filling	1,300	
		4,800
Darfur Province		
Zalingei: Furniture for rest houses	44	
Mellit Dam	2,000	
		2,044
Equatoria Province		
Juba: Improvement of roads	3,874	
Juba: Piped water supply for irrigation of gardens	5,100	
Minor items	1,155	
		10,129
Khartoum Province		
Omdurman: Extension to irrigation system	4,500	
Minor items	150	
		4,650
Kordofan Province		
Minor items		311
Northern Province		
Minor items		100
Carried forward		22,034

	£E.	£E.
Brought forward		22,034
Upper Nile Province		
Malakal new dairy	3,500	
Minor items	500	4,000
Total Provinces		26,034

Summary

Departments	606,671
Provinces	26,034
Grand Total	632,705

TC

Finance Department,
6 December, 1947.

APPENDIX III

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

Reductions recommended by Development Priorities Committee

	Reductions in 1947/48 Review	
	For Consideration with Central Budget	Cancelled
	£E.	£E.
Departments		
udan Medical Service		
Sanitation proposals	26,999	-
ordon Memorial College		
Gordon Memorial College buildings (see paragraph 14 of Note)	15,585	27,405
ducation Department		
Building grants to Missions	-	7,780
Schools: Equipment	10,420	-
Yambio Agriculture Centre: Equipment	750	-
	11,170	7,780
griculture and Forests Department		
Mechanised Crop Production Scheme (see paragraph 16 of Note)	-	19,713
Yambio: Two houses for agriculturists	-	300
Northern Provinces: Houses for pomological staff	740	-
Yambio: Experiments. Unexpended balance of provision	-	92
Port Sudan Ginning Factory: Mechanical gin feeders	-	
Experiment (unexpended balance of provision)	-	78
Additional	-	12,000
Fee for adviser	-	500
Air conditioning	-	6,050
Carried forward	740	38,733

	Reductionsin 1947/48 Review	
	For consideration with Central Budget	Cancelled
	£E.	£E.
Brought forward	740	38,733
Gash: Water investigation. Unexpended balance of provision	-	18
Blue Nile Province: Kamlin: Development of orchards - preparation of ground, canalisation, pumping installation, and planting of fruit trees	-	4,000
Zande saw mills. Unexpended balance of provision	-	1,621
Creation of forest reserves. Reduction of provision from £E.39,445 to £E.34,100	-	5,345
Equatoria Province: Housing for staff engaged on the creation of forest reserves and re-afforestation. Reduction of provision from £E.16,400 to £E.16,340	-	60
White Nile Flats: Establishment of 10,000 feddans firewood plantation	-	8,900
Power driven cross cut saws	-	374
	740	59,051
Sudan Irrigation Department		
Sennar and Gezira: Additional mechanical plant	8,750	-
Public Works Department		
First installations, electricity and water	20,725	
Government offices and quarters: Installation of fans	3,100	
Um Ruaba:Extension to Water Supply	500	
Gedaref:Electricity and Water Supplies		37,500
Additional Vehicles. Provision transferred to Mechanical Transport Department.		105,500
	24,325	143,000

	Reductions in 1947/48 Review	
	For consideration with Central Budget	Cancelled
	£E.	£E.
Posts and Telegraphs Department		
Extensions: Government subscribers	15,100	-
Extensions: Non-Government subscribers	36,600	-
Miscellaneous office equipment and accounting machinery	640	-
Miscellaneous expenditure: Posts and Telegraphs services	1,200	-
Miscellaneous expenditure: Meteorology	822	-
Renewals and betterment of the Gezira telephone system	90,000	-
Schemes not scheduled to be started until 1948/49 or 1949/50 (deferred outside the Plan)	-	13,920
	144,362	13,920
Sudan Survey Department		
Air photographs. Reduction of provision from £E.11,740 to £E.5,560	-	6,180
New building: Equipment	-	2,500
Total	-	8,680
Civil Aviation		
Sudan Airways: Inauguration. Reduction of provision from £E.98,670 to £E.88,000	-	10,670
Total Departments	231,931	270,506

	Reductions in 1947/48 Review	
	For consideration with Central Budget	Cancelled
	£E.	£E.
Provinces		
Darfur Province		
Various small projects	1,200	-
Equatoria Province		
Kerripi: Prison and Mental Hospital	-	1,440
Torit: Water Supply for vegetable garden	150	-
Amadi: Dairy	68	-
	218	1,440
Kassala Province		
Flamingo Bay: Installation of piped water supply	-	1,000
Upper Nile Province		
Various small projects	1,424	-
Unallotted balance in 1946/47	-	42,920
Total Provinces	2,842	45,360
Boards		
Public Works Board: Civil Buildings Programme	-	32,762
Unforeseen Items	-	49,304
Summary		
Departments	231,931	270,506
Provinces	2,842	45,360
Boards	-	32,762
Unforeseen Items	-	49,304
Grand Total	234,773	397,932

Finance Department,
6 December, 1947.
TC

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

THE CIVIL BUILDINGS PROGRAMME

FINANCIAL POSITION

1. In passing the Development Plan Council allotted £E. 2,353,399 to cover the expenditure on all buildings financed against the Civil Building Programme in the five year period. Of this amount £E. 815,578 was earmarked to cover all education buildings (other than buildings for the Gordon Memorial College) and £E. 530,821 for all medical buildings costing more than £E. 10,000 each. These allocations were for buildings to be erected in the last four years of the Plan, as educational and medical demands had already been catered for in respect of the first year of the Plan in the 1945/46 Civil Building Programme.

2. Thus after setting aside the amounts earmarked there remained a total of £E. 1,007,000 for expenditure on other civil buildings in the five year period. There was a carry over of work from previous seasons totalling £E. 400,000 to be financed from this allotment, leaving £E. 607,000 available for expenditure during the period on new projects. The Public Works Board were, however, informed that a similar carry-over at the end of the period would be permissible, thus enabling them to recommend proposals up to a total of £E. 1,007,000. Of this, buildings estimated to cost £E. 400,000 would not be constructed within the present Five Year Plan.

3. Before considering submissions for the 1947/48 Civil Building Programme the Public Works Board reviewed the state of the 1945/46 and 1946/47 Programmes with the following results:-

1945/46 Programme		£E.
As originally approved		368,111
Cancellations		66,184
		301,927
Additions to approved projects and revised estimates	£E. 29,292	
Supplementary recommendations	113,394	
		142,686
Revised total		444,613

1946/47 Programme

Council issued a directive that building standards were so to be reduced as to effect a one-third reduction in building costs with the proviso that the cut need not be wholly or partly imposed where such action would hold up buildings which were ready to be put in hand. Examination of the results so far achieved shows the average reduction to have been 16.3%. It is assumed in the figures that immediately follow that this percentage will apply over the rest of the 1946/47 Programme though it is hoped that it will prove to be much higher.

		£E.
Programme as originally approved		496,078
Less:		
16.3% decrease		80,861
		415,217
Less:		
Cancellations		26,408
		388,809
Add:		
Additions to approved projects and revised estimates (Includes £E.52,290 in respect of Bakht er Ruda cancelled from 1945/46 Programme and added to 1946/47 Instalment)	£E.81,619	
Supplementary items		
Education	£E.27,545	
Medical (over £E.10,000 each)	-	
Other (includes £E.45,000 for 20 British houses in Khartoum)	96,158	
	205,322	
Deduct:		
Provision in original Programme for unforaseen items	25,000	
		180,322
	Revised total of 1946/47 Programme	569,131

4. The amount available for further allotment was therefore £E.1,339,655 as shown below:

	£E.
Total allotted by Council	2,353,399
Less:	
Total of 1945/46 and 1946/47 revised programmes	1,013,744
	1,339,655

5. Of this total of £E.1,339,655 available for allotment, £E.1,171,116 is, however, earmarked for educational and medical demands as follows:

Education		£E.
Total earmarked		815,578
Less:		
1946/47 Education Programme (£E.176,508 less 16.3% economy being achieved on the average on 1946/47 buildings)	£E. 147,738	
1946/47 Supplementary items	27,545	
		175,283
		640,295
Medical (for buildings costing over £E.10,000 each) No allotments have yet been made		530,821
		1,171,116

6. Thus the amount available for other civil buildings was:

	£E.
Total unallotted (para.4 above)	1,339,655
Less:	
Total earmarked (para.5 above)	1,171,116
	168,539

1947/48 CIVIL BUILDING PROGRAMME

7. In the light of these figures the Public Works Board were obliged to recommend that, except for education and medical proposals, the 1947/48 Civil Building Programme should be the last in the five year period for lack of further funds, and they drew up the 1947/48 Programme on this basis.

Buildings other than Education and (major) Medical

8. The Board recommended that the balance of £E.168,539 which was available for other than educational and major medical demands, should be allocated as follows:

Major New Works	£E.	£E.
General Housing (This includes £E.31,000 for 15 houses for British Staff in Khartoum)	48,930	
Police housing	5,860	
Medical (under £E.10,000 each)	5,382	
Other buildings	25,440	
		85,612
Province Buildings		49,676
Minor New Works		3,300
Carried forward		138,588

	£E.
Brought forward	138,588
Special reserve set aside for medical demands costing less than £E.10,000 each in last two years of the period (1948/49 and 1949/50)	15,000
General reserve set aside for emergency demands in last two years (unforeseen demands would have to be met by surrenders of equivalent value)	14,951
	168,539

9. In connection with this part of the proposed 1947/48 Building Programme, I now quote for the information of Council the Public Works Board's general minute on the subject of staff housing:

"Housing

(a) On this basis it is now very clear to the Board that the continued very heavy demands for staff housing could not be met. Accordingly the Board strongly recommended that other means of dealing with the problem be devised (e.g. hiring houses) for areas where there were alternative sources of accommodation. Moreover, the Board considered that the major part of the demand for Government houses arose out of the fact that private rentals had risen while Governmental rentals had remained unaltered, causing inequality as between officials fortunate enough to be allotted Government houses and those who had to rent private houses. The Board did not consider that this inequality should be ironed out by the Government abandoning its policy of not being bound to provide accommodation for all its officials and recommended that this policy should firmly be restated for two reasons:

(i) It regarded the inequality prevailing as temporary (in that if there were a slump private rents might well fall below Government rents)ø and should therefore be cured by temporary means, e.g. raising the rent of Government houses, or hiring private houses and re-letting at 7½% of salary, or grant of a rent allowance. Any of these methods could be abandoned as soon as the necessity for it ceased.

ø This is most unlikely as Government rents are far below economic rents.

(ii) The Board regarded the spending of a large proportion of the funds available for buildings required in connection with economic development of the country on the provision of staff housing as indefensible economically.

(b) On these grounds the Board decided to recommend proposals for staff housing only, in general, where alternative accommodation would not be available, and to reject all other proposals. The Board, however, strongly recommended that the Civil Secretary in conjunction with the Financial Secretary should consider evolving some means of curing the present inequalities as between the allottees of Government houses and those renting private houses, but that the solution, whatever form it took, should be withdrawn so soon as conditions were normal, i.e. when there were sufficient private houses available at rentals comparable with the prevailing Government rentals."

I entirely agree with the Board's recommendation that, in general, further Government houses should be built only where alternative accommodation would not be available. Means of removing or lessening the inequality arising from the difference between rents for Government houses and rents for non-Government houses are now being considered.

Education Buildings

10. The Public Works Board has provisionally recommended the sum of £E.423,679 for those education buildings which it considered should be included in the 1947/48 Building Programme. The amount is only provisional as educational building standards are being reviewed. This has been made the more necessary by the decision that the third secondary school shall be a boarding school instead of a day school, with consequent increase in capital costs.

Medical Buildings

11. In the Development Plan as originally approved £E.530,821 was included for major medical building projects costing over £E.10,000 each. Among these were the Khartoum Civil Hospital at £E.400,000 and the new Sudan Medical Service Headquarters at £E.10,000.

12. Provided that building costs remain at their present level the Director of Works considers that the Civil Hospital can be completed for £E.300,000; and the new Sudan Medical Service Headquarters can now be deferred until after 1950. Thus there is an economy of £E.110,000. Unfortunately, owing to administrative mistakes, four major medical proposals were left out of account when assessing the funds required and they will absorb £E.80,571 of the economy as follows:-

	£E.
Khartoum North Civil Hospital	35,000
Singa Civil Hospital	27,291
Shendi Civil Hospital	10,000
Omdurman Midwives Training School	8,280
	80,571

13. The effect of these variations on the provision for Medical buildings is therefore to reduce it from £E.530,821 to £E.501,392. In addition the Development Priorities Committee recommend that the provision for the mental hospital, which was included in the Medical proposals at £E.33,333 (£E.50,000 less one-third) should be deleted, thus reducing the funds earmarked for major medical proposals to £E.468,059.

14. On the other hand, the Committee recommend for inclusion, as of higher priority than a purely mental hospital, the erection of a criminal lunatic asylum-cum-mental hospital, so designed as to be capable of future expansion. For this project they recommended a provision of £E.30,000.

15. The net effect of all these changes is an economy of £E.32,762 on the total original five year provision of £E.2,353,399 for civil buildings.

J.W.E.M.

Finance Department,
6 December, 1947.
TC

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APPENDIX V
Page 1

FIVE YEAR DEVELOPMENT PLAN

1947/48 REVIEW

THE ROADS AND COMMUNICATIONS PROGRAMME

1. The Roads and Communications Board originally drew up its plan of development on a ten year basis, the first half of which was to cost £E.389,627. Council last year agreed to the Development Priorities Committee's recommendation that only £E.300,000 should be provided for the five year period, leaving the Board to frame its annual programmes accordingly for submission to Council.

2. Council will note that, in the revised programme attached, the estimate for each of the major projects is shown as a single sum for the five years and is not split up to show the yearly incidence of expenditure. The reason for this is that in most cases it is quite impossible at present to forecast when the work will be undertaken since this largely depends on the arrival of road making machinery and materials.

3. Accordingly the Development Priorities Committee recommended that Council approve the Board's programme in principle, with the proviso that no new major projects are to be added to the programme without Council's specific approval, and that an annual progress report be submitted with the annual review of the Development Plan.

J.W.E.M.

Finance Department,
6 December, 1947.
PC

FIVE YEAR DEVELOPMENT PROGRAMME

1947/48 REVIEW

ROADS AND COMMUNICATIONS BOARD'S PROGRAMME 1945/

Proposal No.	Road	Classification	Natu
	BLUE NILE PROVINCE		
P1.	Wad Medani - Dueim	Province	All
T3	Jebel Aulia - Kosti	A.4	All
	DARFUR PROVINCE		
T.11	El Hilla - El Fasher	A.5	Meta Im
T.14	Nyala - El Fasher	A.43	Impr
T.19	El Fasher - Geneina	A.5	Impr
	EQUATORIA PROVINCE		
T.6	Amadi - Yambio-Lingasi	A.44	All
T.12	Torit - Kapoeta	A.30	All
T.8	Wau - Aweil	A.43	All
	KASSALA PROVINCE		
T.1	Kassala	A.2	Gash
T.7 or13	Kassala - Sabderat	A.2	All
P.4	Suakin - Tokar	Province	All
	KHARTOUM PROVINCE		
T.28	Khartoum North - Halfayat El Muluk	A.1	All
	KORDOFAN PROVINCE		
T.4	Talodi - Dulami - Rashad - Rahad	A.41	All
T.5	Talodi - Dilling - El Obeid	A.42	All
T.27	El Obeid - El Hilla	A.5	Meta Im
	NORTHERN PROVINCE		
T.9	Atbara	A.1	Road Atb
	UPPER NILE PROVINCE		
T.17	Paloic - Malakal	A.4	Camb son
P.2	Paloic - Boin - Chalipost	Province	Impr
P.3	Fangak - K.60.Bentiu	Province	Oper imp
P.14	Adok- or- Wunshwai	Province	Impr
P.26	Ler - Bentiu	Province	Dry

		L
Amount allocated by Council for the five year period		300,0
Less:		

P1.	Wad Medani - Dueim	Province	All
T3	Jebel Aulia - Kosti	A.4	All
	DARFUR PROVINCE		
T.11	El Hilla - El Fasher	A.5	Meta Img
T.14	Nyala - El Fasher	A.43	Impr
T.19	El Fasher - Geneina	A.5	Impr
	EQUATORIA PROVINCE		
T.6	Amadi - Yambio-Lingasi	A.44	All
T.12	Torit - Kapoeta	A.30	All
T.8	Wau - Aweil	A.43	All
	KASSALA PROVINCE		
T.1	Kassala	A.2	Gash
T.7 or13	Kassala - Sabderat	A.2	All
P.4	Suakin - Tokar	Provinco	All
	KHARTOUM PROVINCE		
T.28	Khartoum North - Halfayat El Muluk	A.1	All
	KORDOFAN PROVINCE		
T.4	Talodi - Dulami - Rashad - Rahad	A.41	All
T.5	Talodi - Dilling - El Obeid	A.42	All
T.27	El Obeid - El Hilla	A.5	Meta Im
	NORTHERN PROVINCE		
T.9	Atbara	A.1	Road Atb
	UPPER NILE PROVINCE		
T.17	Paloic - Malakal	A.4	Camb son
P.2	Paloic - Boin - Chalipost	Province	Impr
P.3	Fangak - K.60.Bentiu	Province	Oper im
P.14	Adok- or- Wunshwai	Province	Impr
P.26	Ler - Bentiu	Province	Dry

Amount allocated by Council for the five year period	300,
Less:	
Allocated in 1945/46 and 1946/47	49.
Amount now available, proposed to be allotted as follows:-	250,6
Revised programme of major work (as above)	220,
For minor works in 1947/48 season	11,
	232,
Balance available for minor works in 1948/49 and 1949/50	18,5
	250,6

FIVE YEAR DEVELOPMENT PROGRAMME
1947/48 REVIEW
ROADS AND COMMUNICATIONS BOARD'S PROGRAMME 1945/46-1949/50

Road	Classification	Nature of Development	Estimated Expenditure
			LE.
NILE PROVINCE			
Wad Medani - Dueim	Province	All season	3,000
Jebel Aulia - Kosti	A.4	All season	10,000
UR PROVINCE			
El Hilla - El Fasher	A.5	Metalling and Improvements	15,000
Nyala - El Fasher	A.43	Improvements	4,500
El Fasher - Geneina	A.5	Improvements	8,000
TORIA PROVINCE			
Amadi - Yambio-Lingasi	A.44	All weather	22,635
Torit - Kapoeta	A.30	All weather	23,336
Wau - Aweil	A.43	All weather	5,000
ALA PROVINCE			
Kassala	A.2	Gash Bridge	40,000
Kassala - Sabderat	A.2	All season	2,000
Suakin - Tokar	Province	All season	10,000
TOUM PROVINCE			
Khartoum North - Halfayat El Muluk	A.1	All season	1,000
FAN PROVINCE			
Talodi - Dulami - Rashad - Rahad	A.41	All season	15,000
Talodi - Dilling - El Obeid	A.42	All season	15,000
El Obeid - El Hilla	A.5	Metalling and Improvements	13,600
ERN PROVINCE			
tbara	A.1	Road bridge over Atbara river	25,000
NILE PROVINCE			
aloic - Malakal	A.4	Cambered road with some banking	2,000
aloic - Boin - Chalipost	Province	Improvements	500
angak - K.60.Bentiu	Province	Opening and improvements	4,000
ok- or- Wunshwai	Province	Improvements	500
er - Bentiu	Province	Dry weather improved	760
			220,831

	LE.
nt allocated by Council for the five ar period	300,000

Wad Medani - Dueim	Province	All season	3,000
Jebel Aulia - Kosti	A.4	All season	10,000
UR PROVINCE			
El Hilla - El Fasher	A.5	Metalling and Improvements	15,000
Nyala - El Fasher	A.43	Improvements	4,500
El Fasher - Geneina	A.5	Improvements	8,000
TORIA PROVINCE			
Amadi - Yambio-Lingasi	A.44	All weather	22,635
Torit - Kapoeta	A.30	All weather	23,336
Wau - Aweil	A.43	All weather	5,000
ALA PROVINCE			
Kassala	A.2	Gash Bridge	40,000
Kassala - Sabderat	A.2	All season	2,000
Suakin - Tokar	Province	All season	10,000
TOUM PROVINCE			
Khartoum North - Halfayat El Muluk	A.1	All season	1,000
OFAN PROVINCE			
Talodi - Dulami - Rashad - Rahad	A.41	All season	15,000
Talodi - Dilling - El Obeid	A.42	All season	15,000
El Obeid - El Hilla	A.5	Metalling and Improvements	13,600
HERN PROVINCE			
Atbara	A.1	Road bridge over Atbara river	25,000
R NILE PROVINCE			
Paloic - Malakal	A.4	Cambered road with some banking	2,000
Paloic - Boin - Chalipost	Province	Improvements	500
Fangak - K.60. Bentiu	Province	Opening and improvements	4,000
Adok- or- Wunshwai	Province	Improvements	500
Ler - Bentiu	Province	Dry weather improved	760
			220,831

	LE.
ount allocated by Council for the five year period	300,000
ss:	
located in 1945/46 and 1946/47	49,380
ount now available,	250,620
proposed to be allotted as follows:-	
ised programme of major work (as above)	220,831
minor works in 1947/48 season	11,207
	232,038
ance available for minor works in 1948/49 and 1949/50	18,582
	250,620